

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082518\
 Data File : VV007204.D
 Acq On : 25 Aug 2018 15:17
 Operator : SY/MD
 Sample : J4645-02MS
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETOM0MS

Quant Time: Aug 27 02:34:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 27 01:23:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	678847	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	672828	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	280192	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	203248	42.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.24%
7) Chloroethane-d5	1.58	69	177618	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.88%
11) 1,1-Dichloroethene-d2	2.13	63	398555	48.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.08%
21) 2-Butanone-d5	3.96	46	324656	91.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.36%
24) Chloroform-d	4.41	84	432359	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
26) 1,2-Dichloroethane-d4	5.09	65	277179	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
32) Benzene-d6	5.11	84	874694	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
36) 1,2-Dichloropropane-d6	6.12	67	295821	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.32%
41) Toluene-d8	7.37	98	712162	42.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.64%
43) trans-1,3-Dichloropropene-	7.67	79	123095	44.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.82%
47) 2-Hexanone-d5	8.14	63	167155	84.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	389546	46.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.24%
64) 1,2-Dichlorobenzene-d4	11.68	152	290016	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%

Target Compounds

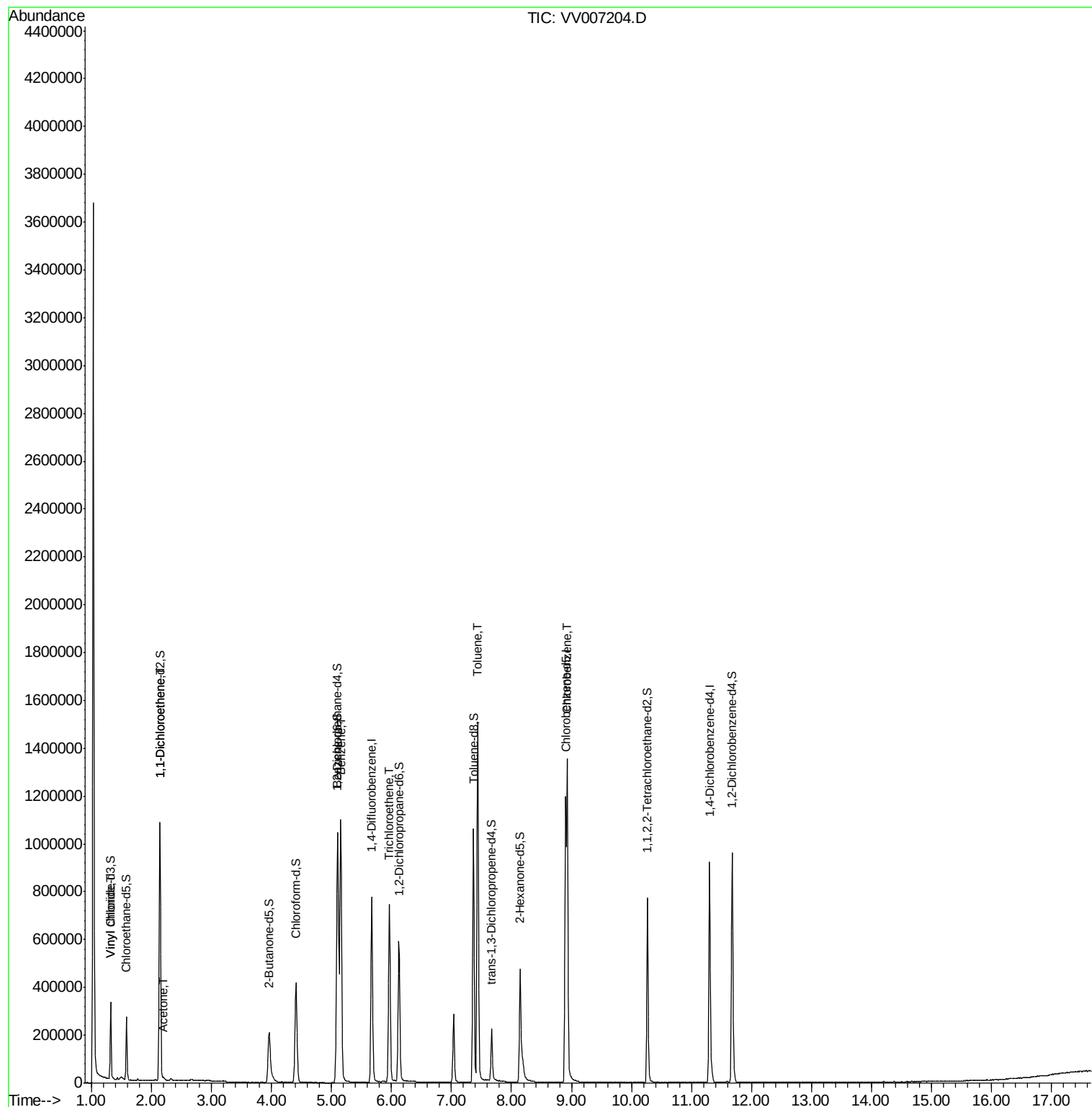
					Ovalue
5) Vinyl chloride	1.32	62	11903	2.09	ug/L # 63
12) 1,1-Dichloroethene	2.14	96	231697	55.17	ug/L 98
13) Acetone	2.20	43	7597	2.90	ug/L 99
33) Benzene	5.15	78	1139164	54.66	ug/L 100
34) Trichloroethene	5.96	95	261107	51.52	ug/L 98
42) Toluene	7.44	91	1114457	55.16	ug/L 100
51) Chlorobenzene	8.93	112	735806	53.86	ug/L 99

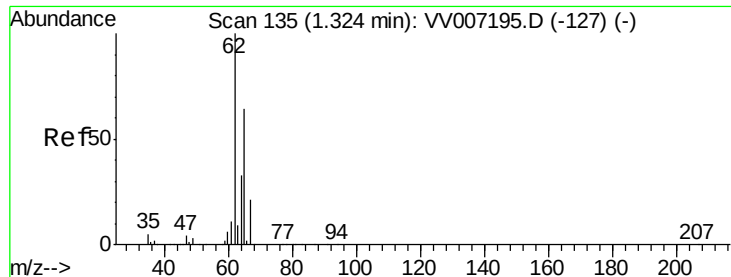
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 27 01:23:53 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.09 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV007204.D

Acq: 25 Aug 2018 15:17

Instrument :

MSVOA_V

ClientSampleId :

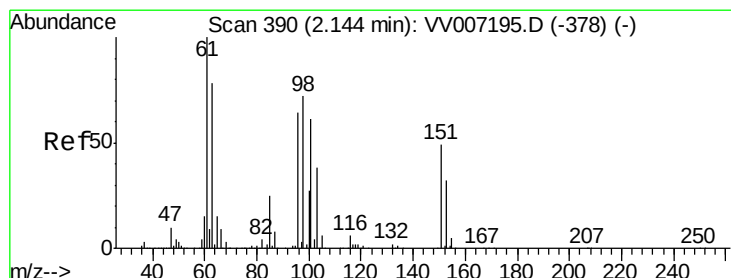
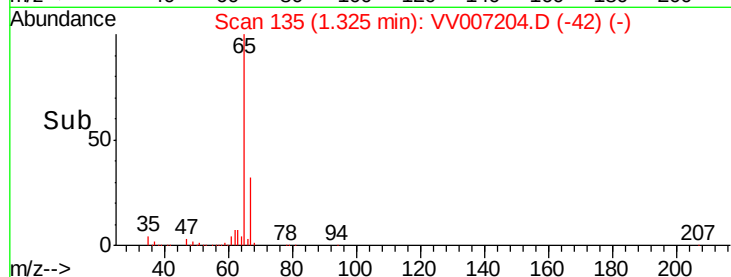
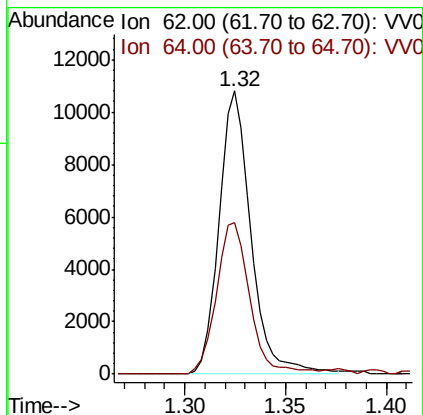
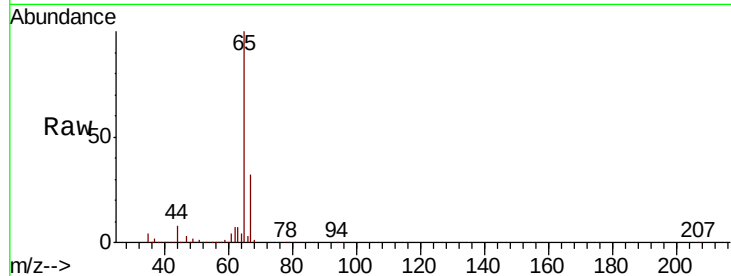
ETOM00MS

Tot Ion: 62 Resp: 11903

Ion Ratio Lower Upper

62 100

64 53.6 22.9 42.5#



#12

1,1-Dichloroethene

Concen: 55.17 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007204.D

Acq: 25 Aug 2018 15:17

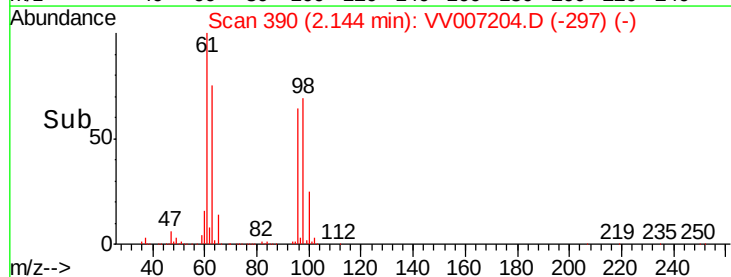
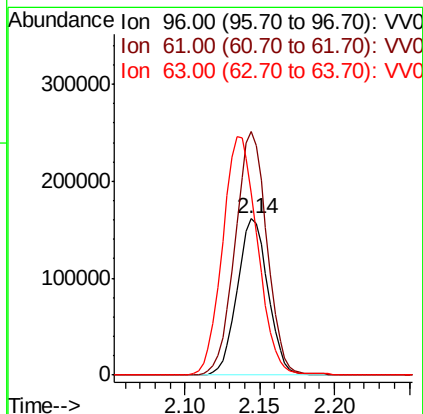
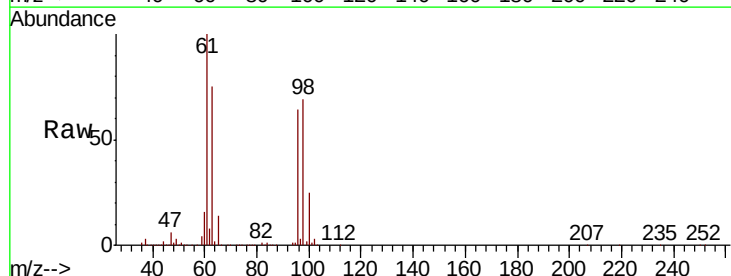
Tgt Ion: 96 Resp: 231697

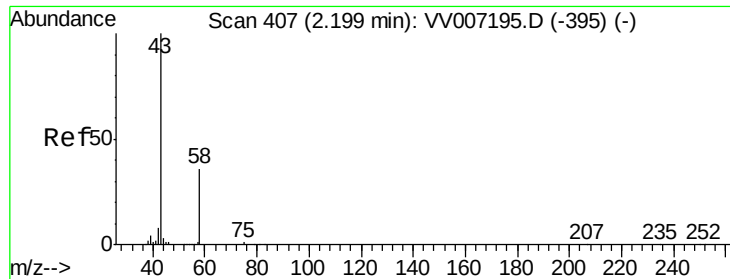
Ion Ratio Lower Upper

96 100

61 155.5 108.5 201.5

63 116.5 84.9 157.7





#13

Acetone

Concen: 2.90 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.00 min

Lab File: VV007204.D

Acq: 25 Aug 2018 15:17

Instrument :

MSVOA_V

ClientSampleId :

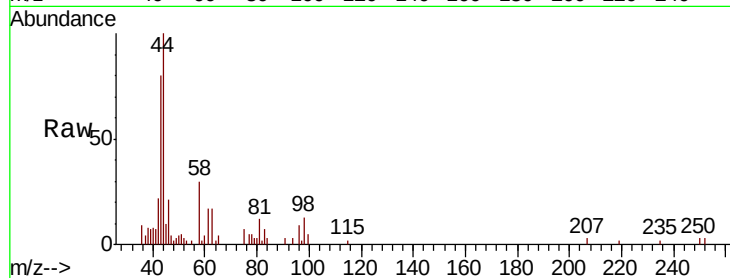
ETOM00MS

Tot Ion: 43 Resp: 7597

Ion Ratio Lower Upper

43 100 0.0 72.0

58 36.5 0.0 72.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.20

4000

3000

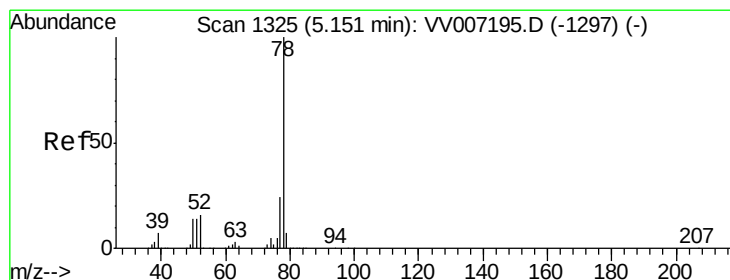
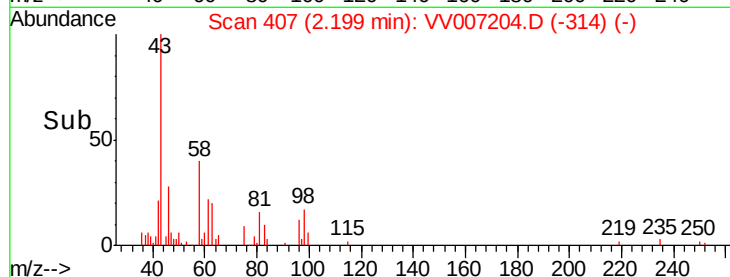
2000

1000

0

Time-->

2.15 2.20 2.25



#33

Benzene

Concen: 54.66 ug/L

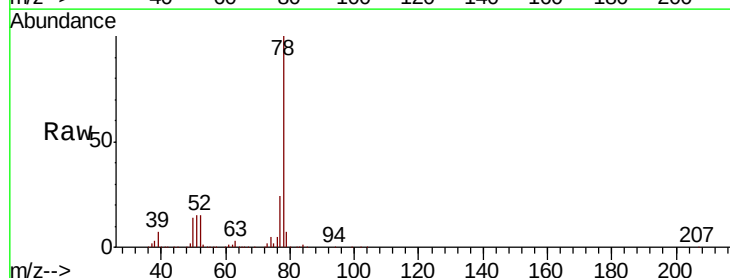
RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV007204.D

Acq: 25 Aug 2018 15:17

Tgt Ion: 78 Resp: 1139164



Abundance Ion 78.00 (77.70 to 78.70): VV0

600000

500000

400000

300000

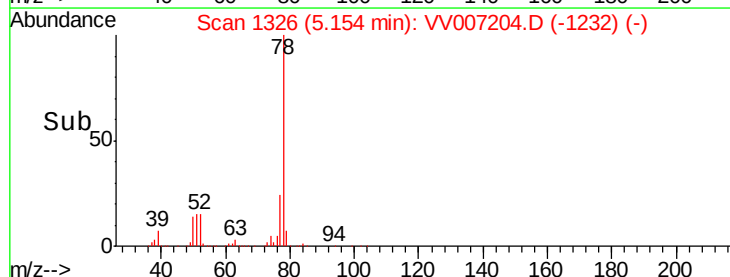
200000

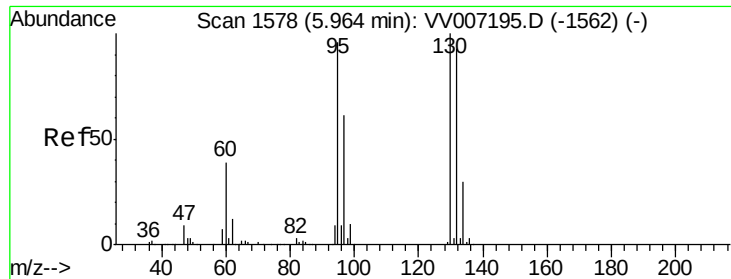
100000

0

Time-->

5.00 5.10 5.20 5.30





#34

Trichloroethene

Concen: 51.52 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007204.D

Acq: 25 Aug 2018 15:17

Instrument :

MSVOA_V

ClientSampleId :

ETOM0MS

Tot Ion: 95 Resp: 261107

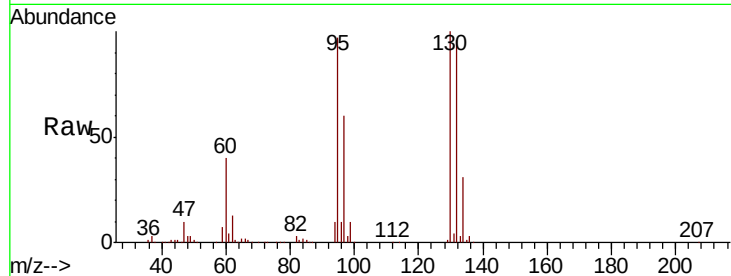
Ion Ratio Lower Upper

95 100

97 62.4 45.4 84.2

132 98.8 70.8 131.4

130 103.4 71.7 133.3

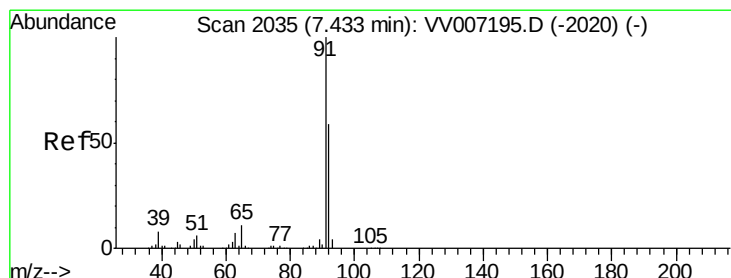
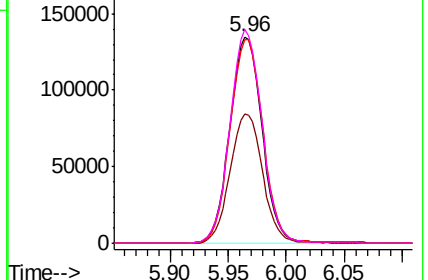
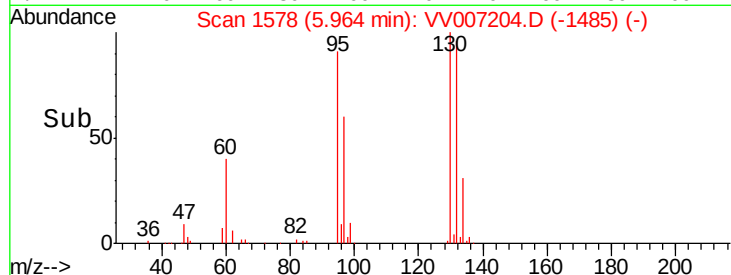


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#42

Toluene

Concen: 55.16 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007204.D

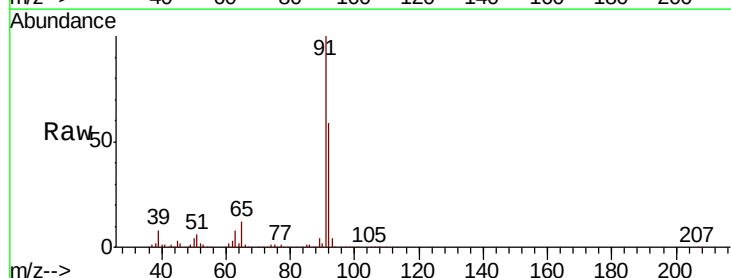
Acq: 25 Aug 2018 15:17

Tgt Ion: 91 Resp: 1114457

Ion Ratio Lower Upper

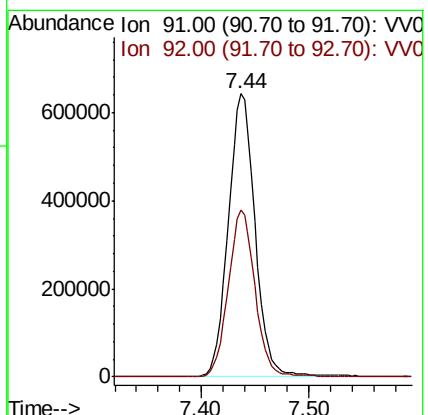
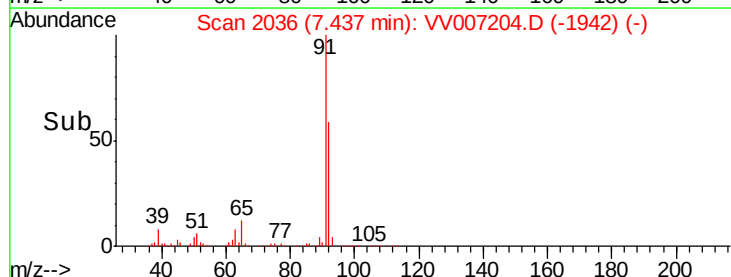
91 100

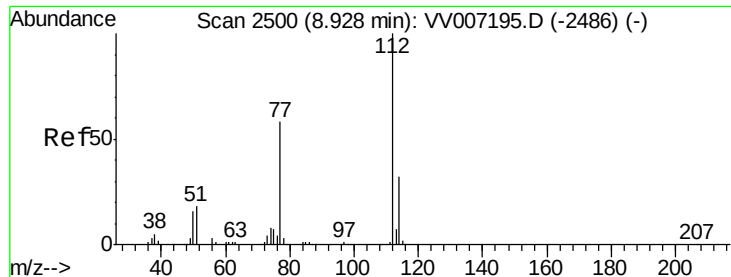
92 59.0 41.2 76.6



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#51
 Chlorobenzene
 Concen: 53.86 ug/L
 RT: 8.93 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: VV007204.D
 Acq: 25 Aug 2018 15:17

Instrument :
 MSVOA_V
 ClientSampleId :
 ETOM0MS

Tot Ion:	112	Resp:	735806
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.0	40.8
77	56.8	46.4	69.6

